

**ABSTRACT**

A security system employing a multichannel image processor. The security system has: a multichannel image processor for selectively receiving image signals transmitted through a plurality of input channels and outputting the image signals; and a user's computer connected with the multichannel image processor through a communication interface, the user's computer for controlling a channel selection of the multichannel image processor in accordance with a set-up mode, displaying signals input from the multichannel image processor through a display device corresponding to the set-up mode and/or record in a memory, supplying a main image display window for displaying the transmitted image signals and a manipulation key window for displaying keys for selecting the mode to be integrally displayed on a main frame, and having a multichannel image driver to process in accordance with the selected key. In the multichannel image processor and the security system employing the same, if the recording medium storing a multichannel image driver is installed in a computer, and the multichannel image processor is installed in a camera and the computer, a desired security system can be established and thus the utility of resources would be increased. Moreover, a separate job using the computer can be done during watching an object, and the camera can be remotely controlled.